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Characterization of the Tn5 transposase and inhibitor proteins: a model for the ...

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NB De la Cruz, MD Weinreich, TW Wiegand, ... - Journal of ... 1993 - Am Soc Microbiol
 ... Page 2. Tn5 TRANSPOSASE AND INHIBITOR PROTEINS 6933 IS50R IS50L 2- j 1 T2 Bleo,Neo
 OE Tnp (P1) Inh (P2) IE IE P3 OE. 4 P4 FIG. 1. Structure of TnS. Tn5 is a composite transposon
 with two IS50 insertion sequences flanking a central region which encodes several ...
 Cited by 43 - Related articles - BL Direct - All 7 versions

[HTML] Crystal structure of the outer membrane protease OmpT from Escherichia ...

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L Vandepuute-Rutten, RA Kramer, J Kroon, ... - The EMBO ... 2001 - pubmedcentral.nih.gov
 ... the S1 subsite, which determines the specificity for lysine and argine at P1 (Figure 5 ... The crystal
 belongs to the trigonal space group P3 2 21, with unit cell ... K. and Nishihara, T. (1988) Purification,
 characterization and primary structure of Escherichia coli protease VII with specificity ...
 Cited by 126 - Related articles - BL Direct - All 11 versions

Proteases and protein degradation in Escherichia coli

MR Maurizi - Cellular and Molecular Life Sciences, 1992 - Springer
 ... Protease IV sppA (38.5 mill) 34 (34) Protease IVa (300) Protease V Protease VI 43
 (43) Protease VII ompT 36 (180) (12.5 min) Protease perI (> 2000) Protease perII (>
 2000) (2 cl repressor; serine UmuD) LexA 2 cl repressor serine ...
 Cited by 207 - Related articles - All 4 versions

Isolation and characterization of urea-resistant Staphylococcus aureus V8 protease ...

M Yabuta, S Onai-Miura, K Ohsuye - Journal of Fermentation and ... 1995 - Elsevier
 ... To amplify the 1.0 kb DNA sequence encoding (ga197S4D and V8048, primers P1 and P2 ... the
 DNA fragment encoding V853, PCR was carried out with primers P3 and P4 ... of Staphylococcus
 aureus V8 protease in Escherichia coli and its processing by OmpT protease to release ...
 Cited by 3 - Related articles - All 5 versions

Viral proteases

colu

L Tong - Chem. Rev, 2002 - pubs.acs.org
 ... HCMV protease, VI, unique, Ser132, His63, His157, (V,L,I)XA + S, requires dimerization.
 adenovirus protease, VII, unique, Cys122, His54, Glu71, (M,L,I)XGX + G, (M,L,I)XGG + X, requires
 pVlc and DNA as cofactors. ... The polyprotein is divided into three segments, P1, P2, and P3. ...
 Cited by 45 - Related articles - BL Direct - All 8 versions

Sequences near the active site in chimeric penicillin binding proteins 5 and 6 affect ...

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AS Ghosh, KD Young - Journal of bacteriology, 2003 - Am Soc Microbiol
 ... of each gene were prepared separately with primers P1 and P2 or primers P3 and P4 ... Dalgarno
 sequence were included in the design of the 5' terminus of the P1 primer, and ... Artificial processing
 of penicillin-binding proteins 7 and 1b by the OmpT protease of Escherichia coli. ...
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Contribution of membrane-binding and enzymatic domains of penicillin binding ...

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DE Nelson, AS Ghosh, AL Paulson, KD ... - Journal of ... 2002 - Am Soc Microbiol
 ... genes encoding PBP 5, PBP 6, and DacD (dacD) was amplified with primers P3 and P4. ... product
 of PCR 3 was purified by agarose gel electrophoresis, and primers P1 and P4 ... Artificial

processing of penicillin-binding proteins 7 and 1b by the **OmpT protease** of *Escherichia coli* ...

Cited by 15 - Related articles - BL Direct - All 9 versions

Dislocation of membrane proteins in FtsH-mediated proteolysis.

A Kihara, Y Akiyama, K Ito - The EMBO Journal, 1999 - pubmedcentral.nih.gov

... four cytoplasmic segments (C1–C4 from the N-terminus) and four periplasmic segments (P1–P4) (Figure 1). Segments C1, C2, C3 and C4 contain 23, six, five and 18 amino acid residues, respectively, whereas segments P1, P2, P3 and P4 contain two, ten, six and two residues. ...

Cited by 71 - Related articles - BL Direct - All 6 versions

Escherichia coli The

SE Ades, LE Connolly, BM Alba, CA Gross - 1999 - genesdev.cship.org

Page 1, 1999 13: 2449-2461 Genes Dev. Sarah E. Ades, Lynn E. Connolly, Benjamin M. Alba, et al. factor ζ response is controlled by the regulated proteolysis of an anti- σ -dependent extracytoplasmic stress E ζ *Escherichia coli* The References ...

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[PDF] Proteinase A und Schaumstabilität–biochemische Untersuchungen der ...

DIR Leisegang - TU Berlin, 2003 - opus.kobv.de

... definierter Blaseninnendruck. Treffen zwei Blasen mit unterschiedlichem Durchmesser ($d_1 > d_2$) und somit unterschiedlichen Innendrücken ($p_1 < p_2$) aufeinander, entsteht ein instabiler Zustand. Das Gas der kleinen Blase diffundiert aufgrund des Druckunterschiedes in ...

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